

1/19

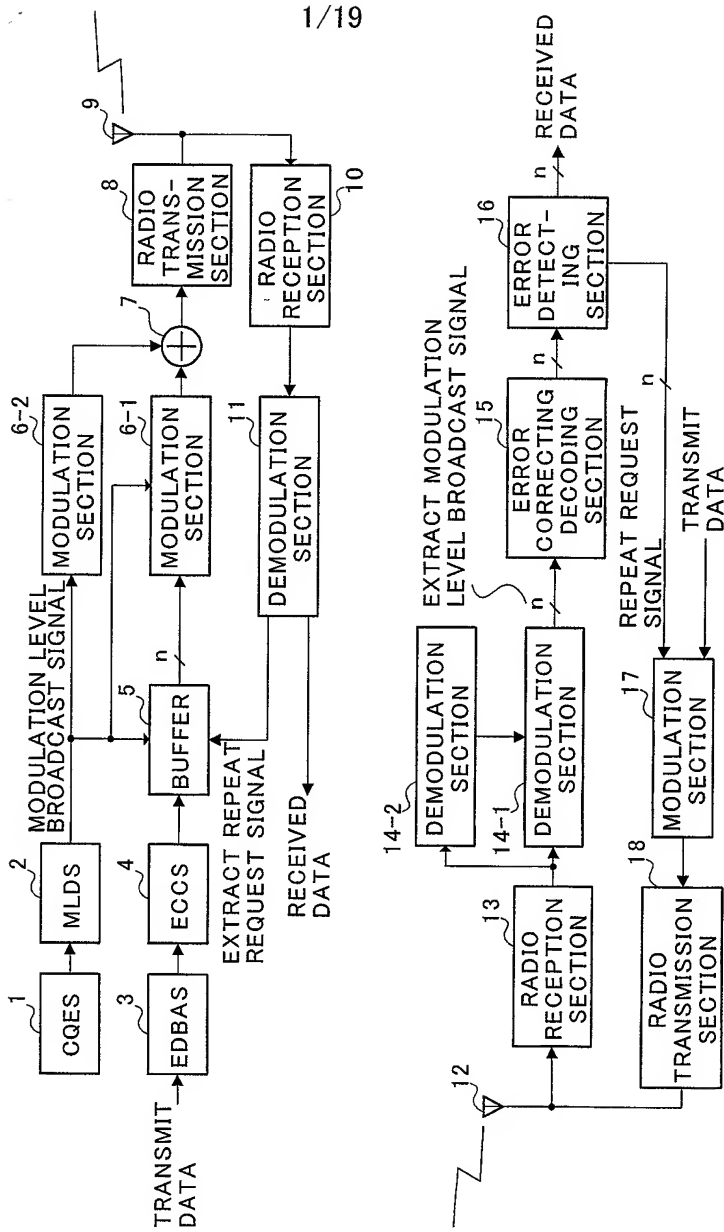


FIG. 1

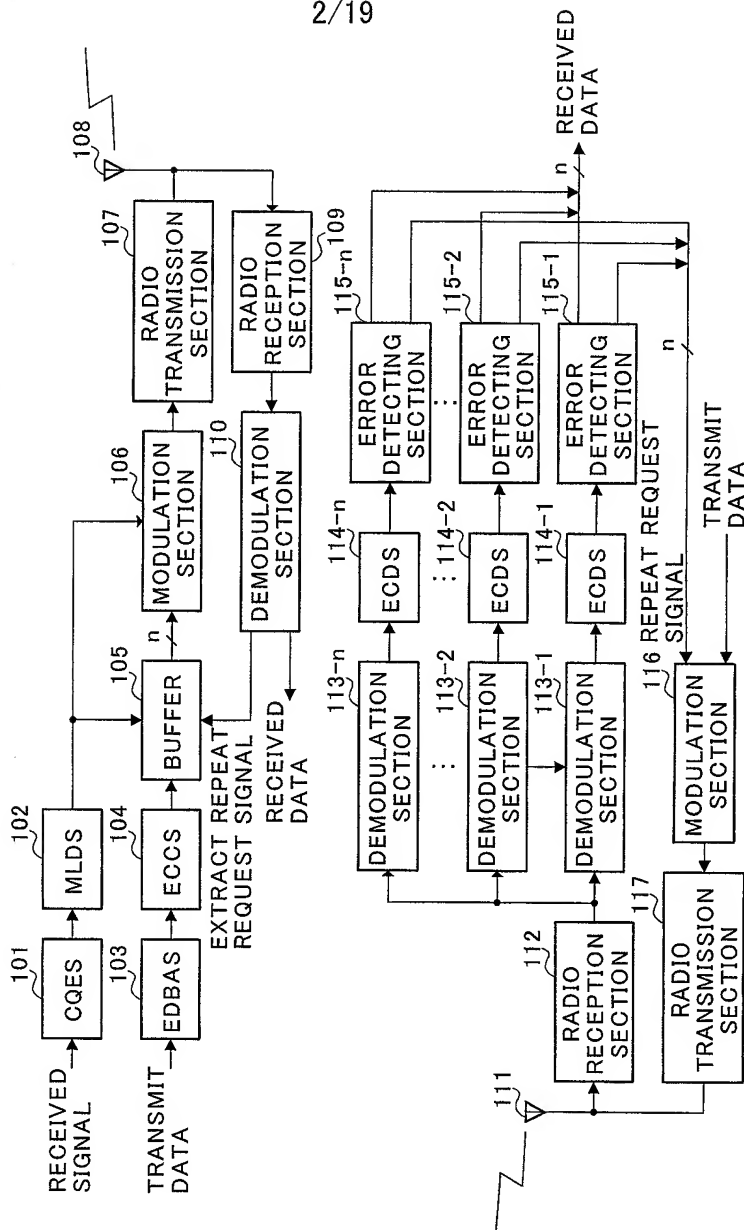


FIG. 2

3/19

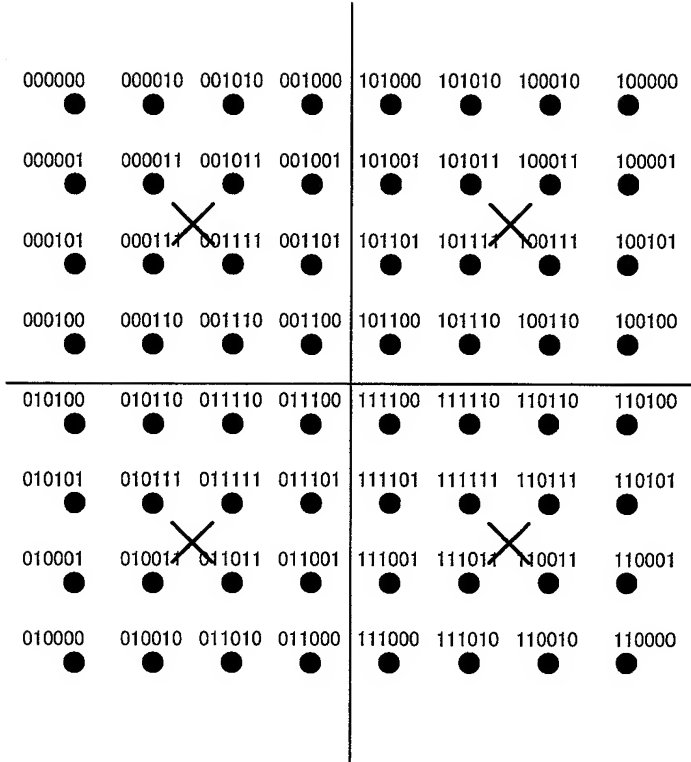


FIG.3

4/19

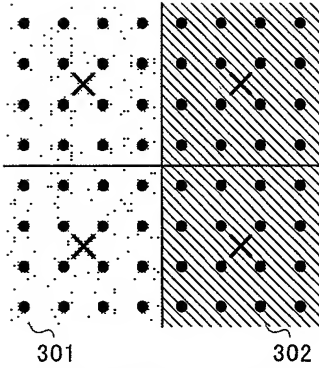
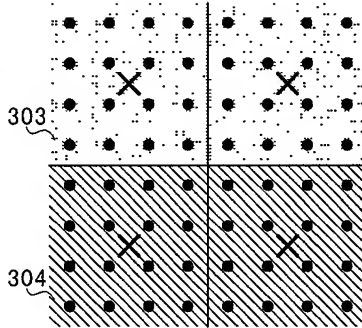
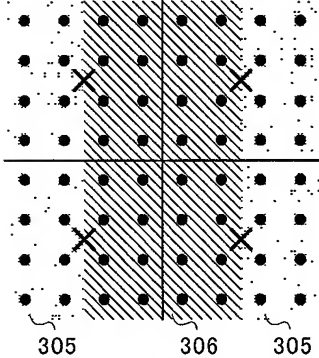
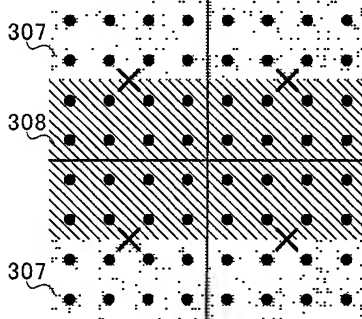
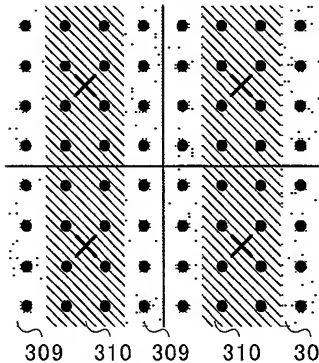
FIG. 4A DEMODULATION
OF S0 IS POSSIBLEFIG. 4B DEMODULATION
OF S1 IS POSSIBLEFIG. 4C DEMODULATION
OF S2 IS POSSIBLEFIG. 4D DEMODULATION
OF S3 IS POSSIBLE

FIG. 4E DEMODULATION

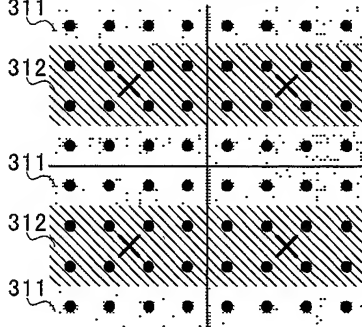


FIG. 4F DEMODULATION

200220-60069009

5/19

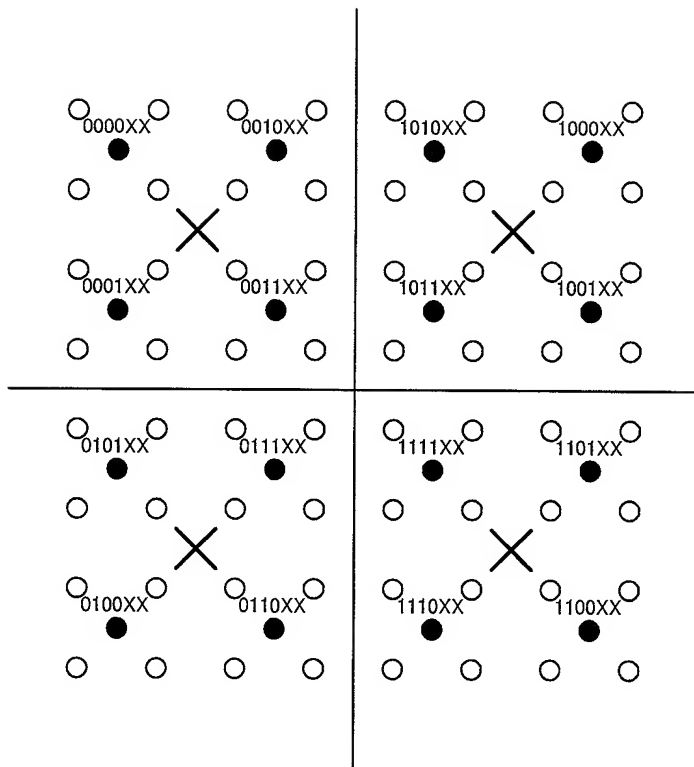


FIG.5

6/19

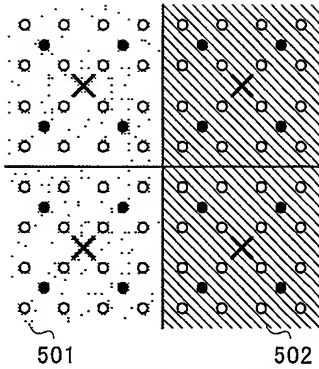
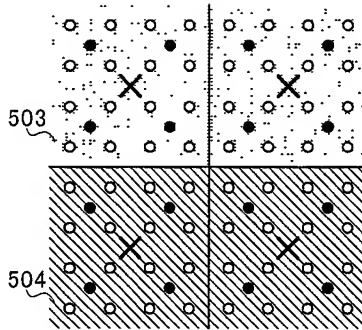
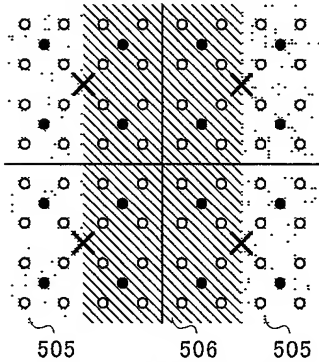
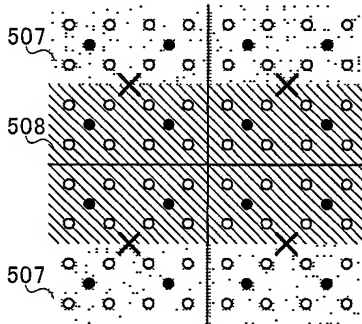
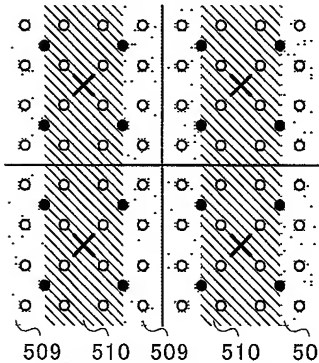
FIG. 6A DEMODULATION
OF S0 IS POSSIBLEFIG. 6B DEMODULATION
OF S1 IS POSSIBLEFIG. 6C DEMODULATION
OF S2 IS POSSIBLEFIG. 6D DEMODULATION
OF S3 IS POSSIBLE

FIG. 6E DEMODULATION

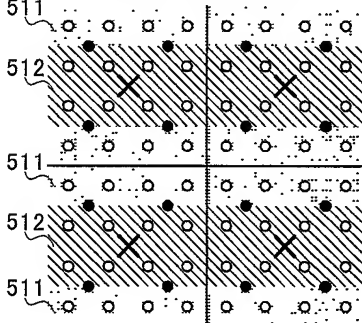


FIG. 6F DEMODULATION

200220-60069001

7/19

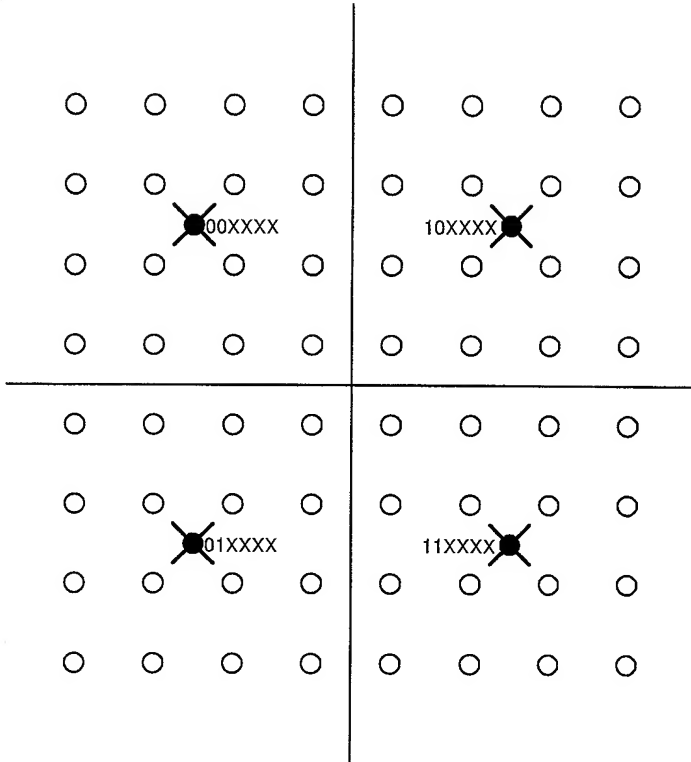


FIG.7

8/19

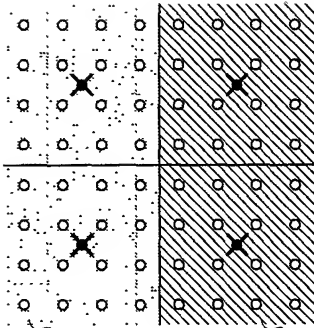


FIG. 8A DEMODULATION
OF S0 IS POSSIBLE

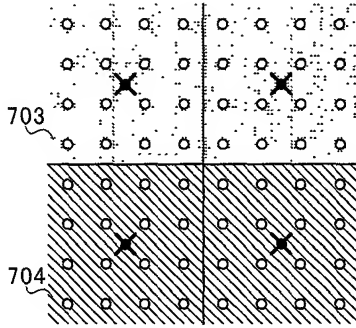


FIG. 8B DEMODULATION
OF S1 IS POSSIBLE

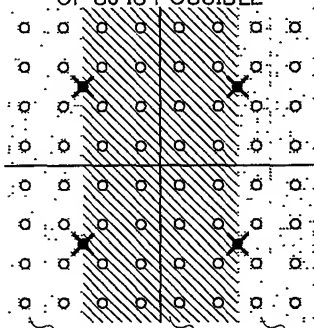


FIG. 8C DEMODULATION
OF S2 IS IMPOSSIBLE

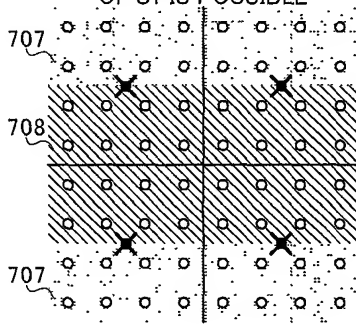


FIG. 8D DEMODULATION
OF S3 IS IMPOSSIBLE

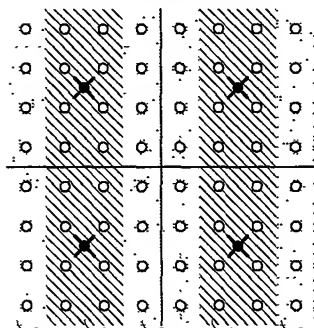


FIG. 8E DEMODULATION

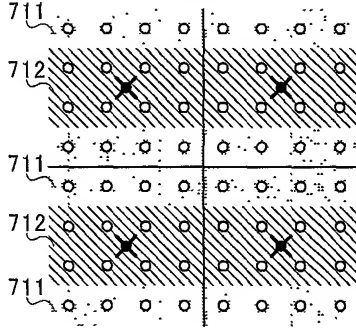


FIG. 8F DEMODULATION

10069009 026002

		Q	16	16	16	64	64	16	16	Q
TX	1	2		4		8		11	14	17
						9		12	15	
		3		5		7		10	13	16
										19

RX	1	2	4	6	8	11	14	17	19
	3	5	7	9	12	15	18	20	21
	4	5	6	8	10	13	16	19	21
	5	6	7	9	11	14	17	20	21
	6	7	8	10	12	15	18	20	21

REPEAT



FIG.9

10/19

Q		16	16	16	64	64	16	Q
1	2	2	5	7	8	12	14	
	3	4	6	8	10	13		
				9	11	14		
				13				

ERROR

REPEAT

RX

1	2	2	5	7	8	12	12	14
2	3	4	6	8	10	13	13	15
3	4	6	9	11	14	14	14	16

FIG.10

11/19

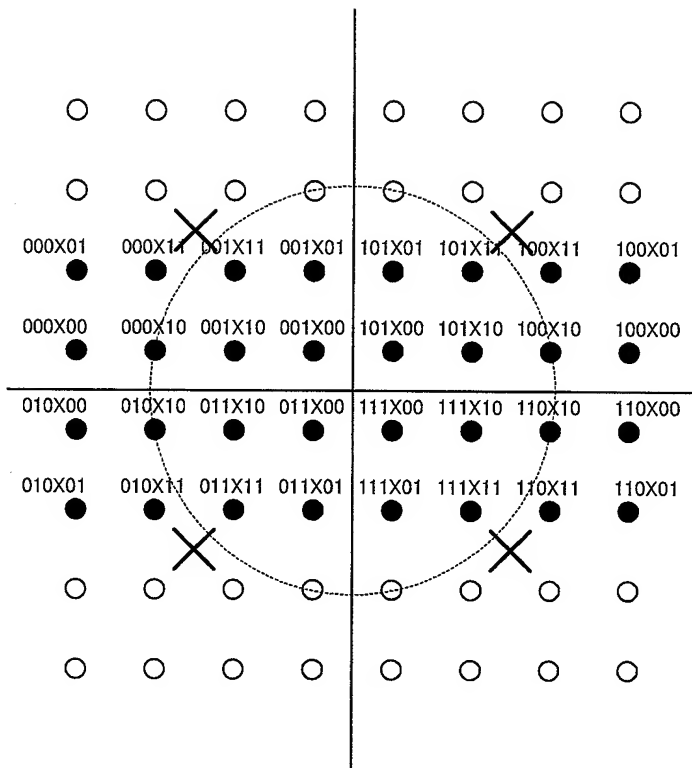
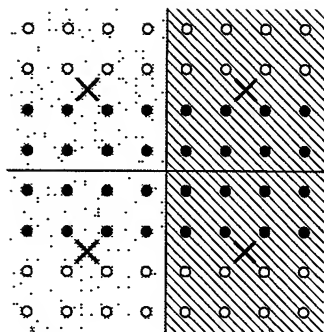


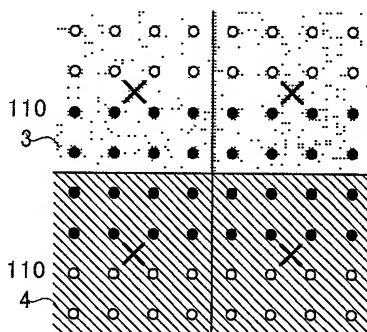
FIG.11

12/19



1101 1102

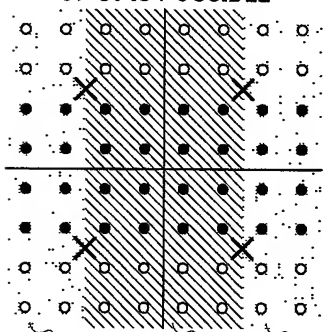
FIG. 12A DEMODULATION OF S0 IS POSSIBLE



110
3

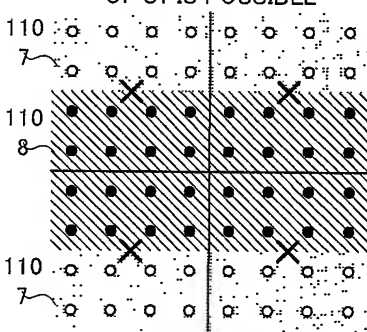
110
4

FIG. 12B DEMODULATION OF S1 IS POSSIBLE



1105 1106 1105

FIG. 12C DEMODULATION OF S2 IS POSSIBLE

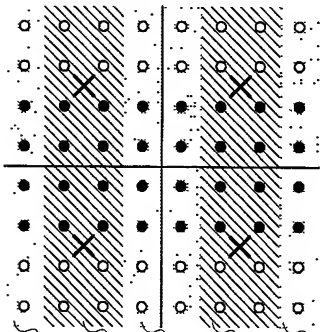


110
7

110
8

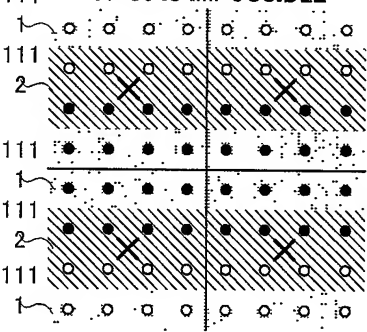
110
7

FIG. 12D DEMODULATION OF S3 IS IMPOSSIBLE



1109 1110 1109 1110 1109

FIG. 12E DEMODULATION



111
1

111
2

111
1

111
2

111
1

FIG. 12F DEMODULATION

10069009-022002

13/19

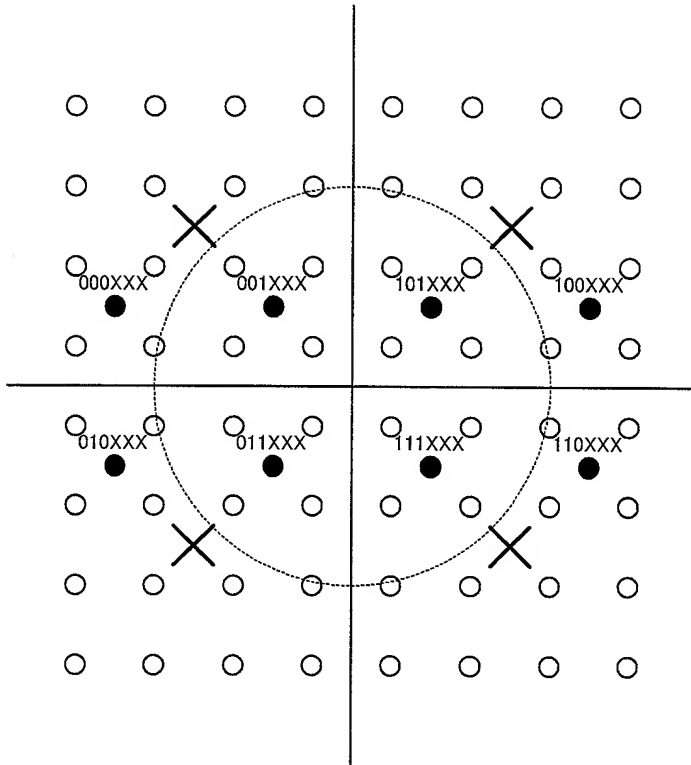
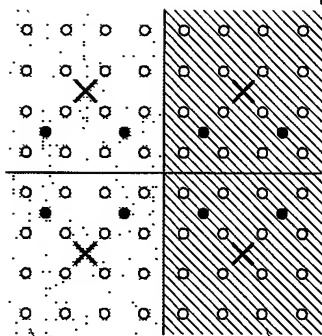


FIG.13

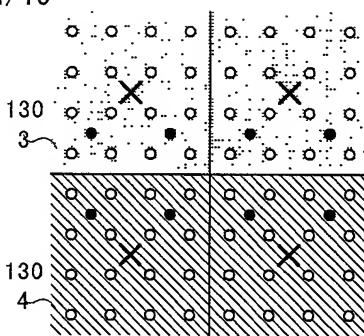
14/19



1301

1302

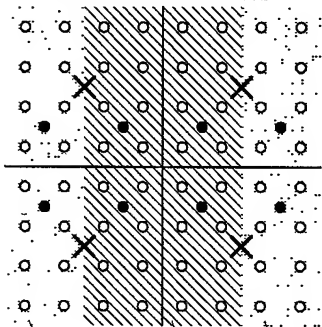
FIG. 14A DEMODULATION OF S0 IS POSSIBLE



130

130

FIG. 14B DEMODULATION OF S1 IS POSSIBLE

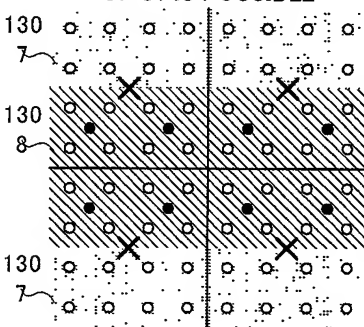


1305

1306

1305

FIG. 14C DEMODULATION OF S2 IS POSSIBLE

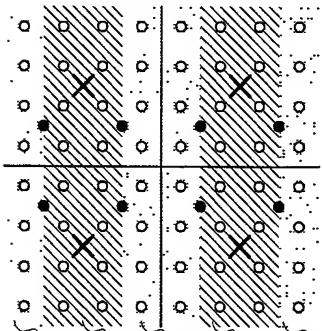


130

130

130

FIG. 14D DEMODULATION OF S3 IS IMPOSSIBLE



1309

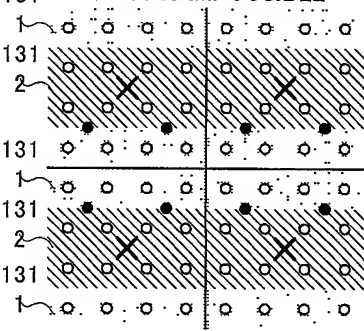
1130

1309

1130

1309

FIG. 14E DEMODULATION



131

131

131

131

131

131

FIG. 14F DEMODULATION

200220-60069009

15/19

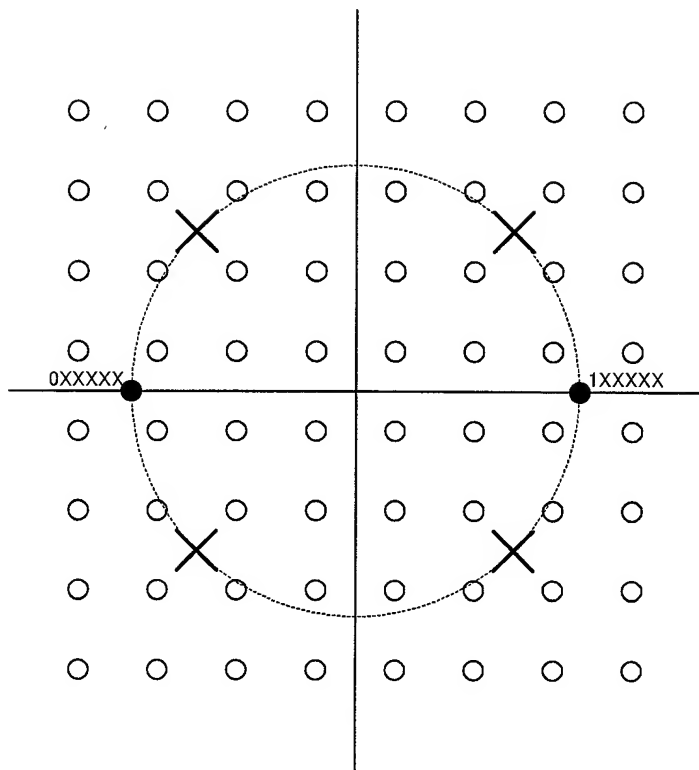


FIG.15

16/19

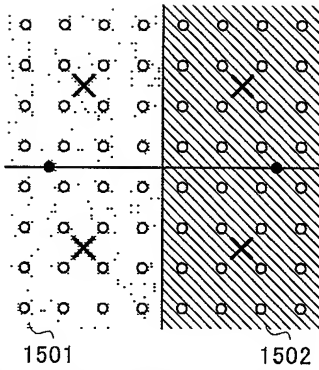


FIG. 16A DEMODULATION OF S0 IS POSSIBLE

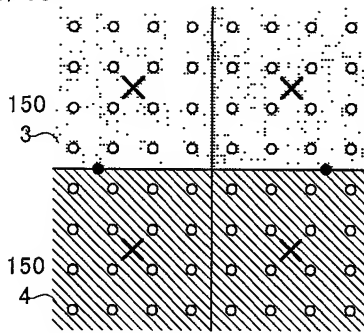


FIG. 16B DEMODULATION OF S1 IS IMPOSSIBLE

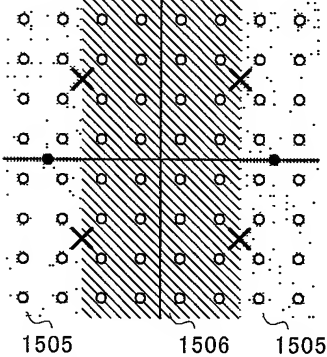


FIG. 16C DEMODULATION OF S2 IS IMPOSSIBLE

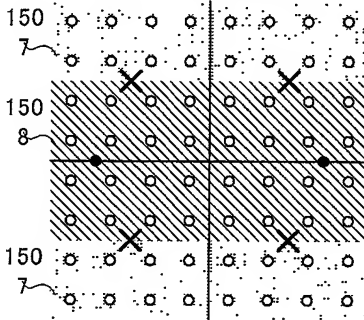


FIG. 16D DEMODULATION OF S3 IS IMPOSSIBLE

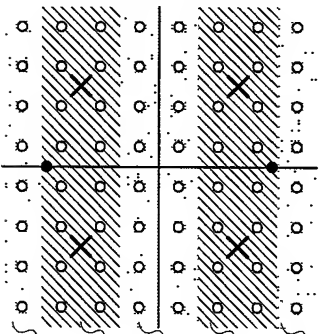


FIG. 16E DEMODULATION

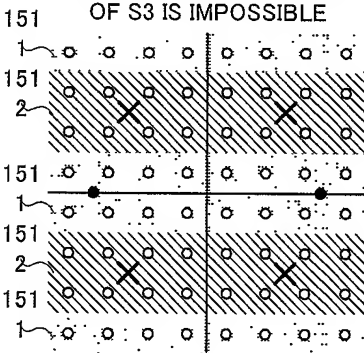


FIG. 16F DEMODULATION

10069009-022002

17/19

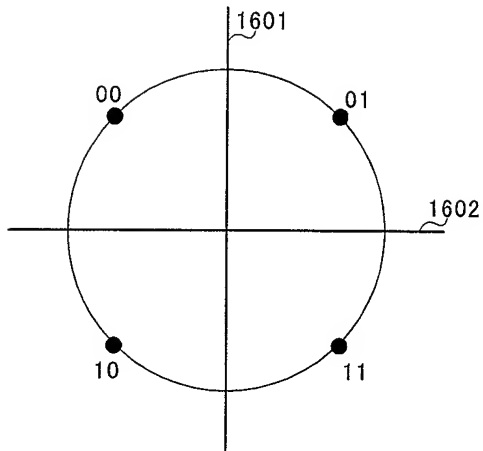


FIG.17

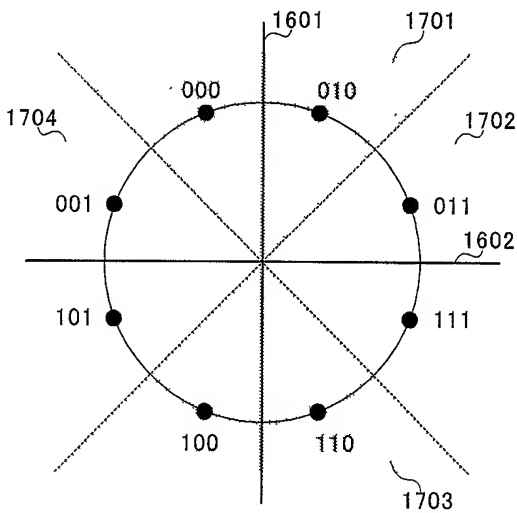


FIG 18

18/19

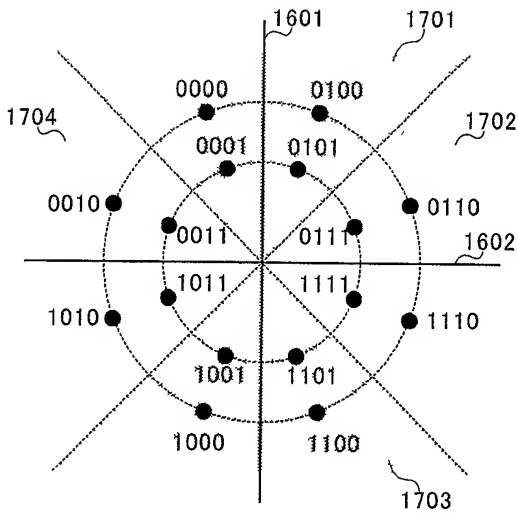


FIG.19

19/19

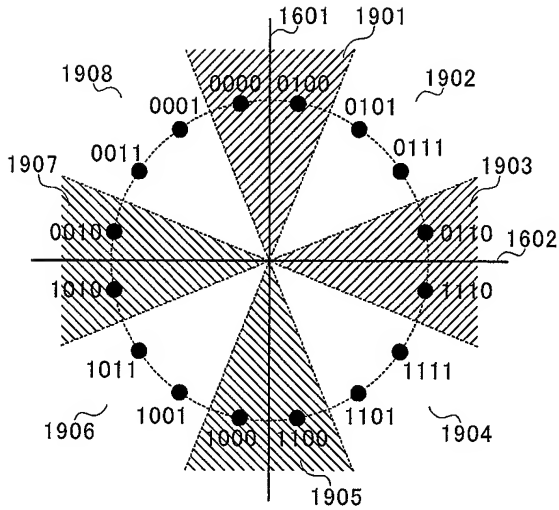


FIG. 20

S0	0	1	2	3	4	5	6	7	C	C	C
									0	1	2
S1	8	9	1	1	1	1	1	1	C	C	C
			0	1	2	3	4	5	3	4	5
S2	1	1	1	1	2	2	2	2	C	C	C
	6	7	8	9	0	1	2	3	6	7	8

FIG. 21